

AD A116648  
HEADQUARTERS

DATA CONTROL NUMBER

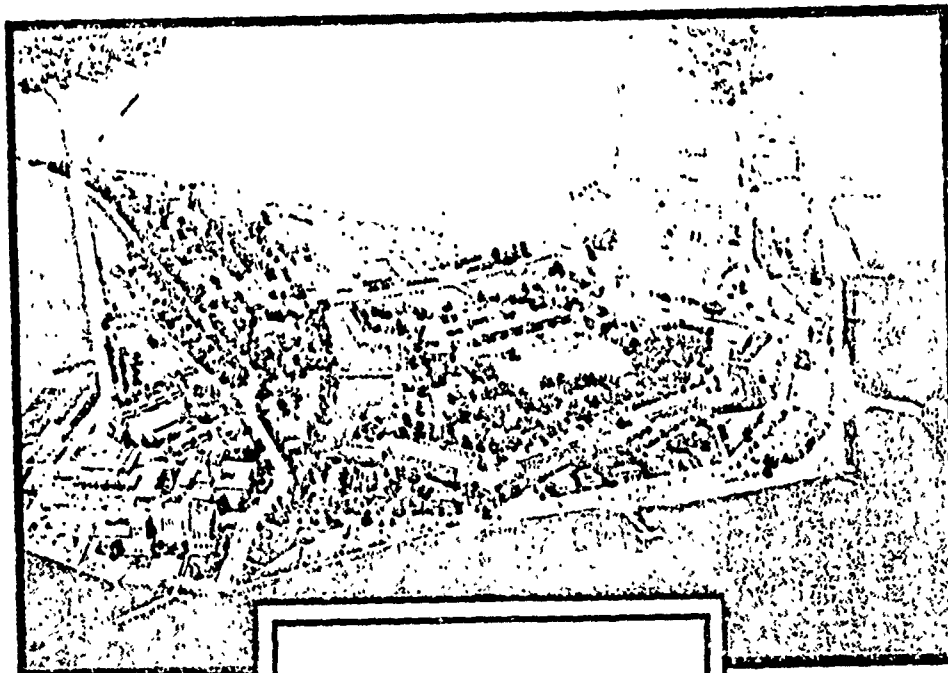
JOB NO / PROJECT NO

UNITED STATES ARMY TRAINING AND DOCTRINE COMMAND

FORT MONROE, VIRGINIA 23651

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Word Criticality Analysis

MOS: 76W

Skill Level 1 + 2

DTIC  
ELECTED  
JUL 08 1982  
E

PREPARED BY: OPERATIONS DIV, DPFO

FORM  
ATOP Oct 80 109-1 Feb 80 edition may be used  
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UNCLASSIFIED

SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM
1. REPORT NUMBER <b>76W</b>	2. GOVT ACCESSION NO. <b>AD-A116 648</b>	3. RECIPIENT'S CATALOG NUMBER
4. TITLE (and Subtitle) Word Criticality Analysis MOS: <b>76W</b> Skill Level: <b>192</b>		5. TYPE OF REPORT & PERIOD COVERED <b>Final</b>
		6. PERFORMING ORG. REPORT NUMBER
7. AUTHOR(s)  <b>Dr. Alexander A. Longo</b>		8. CONTRACT OR GRANT NUMBER(s)
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11. CONTROLLING OFFICE NAME AND ADDRESS <b>Training Developments Institute ATTN: ATTG-DOR Fort Monroe, VA 23651</b>		12. REPORT DATE <b>Sep 1981</b>
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17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)		
18. SUPPLEMENTARY NOTES		
19. KEY WORDS (Continue on reverse side if necessary and identify by block number)  <b>MOS Vocabulary Readability Comprehension of text Curriculum Development</b>		
20. ABSTRACT (Continue on reverse side if necessary and identify by block number)  <b>This report contains terms selected as having some degree of criticality in the training/performance of tasks contained in the respective MOS Soldier's Manual (SM). These critical words were selected by subject matter/job experts knowledgeable in their MOS. The vocabulary set used as the basis for critical word analysis was the Word Frequency Report based on the SM for the same MOS.</b>		

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## Contents and General Information

1. The Word Criticality Analysis (WCA) reports were reproduced exactly as generated via computer printout. The prime users of this document were fully cognizant of its contents and required no special instructions for interpretation. However, for the sake of other readers, the following brief description of contents is provided.

2. The WCA reports for most MOS are divided as follows:

- o Skill Level I
- o Skill Level II

However, due to the way some Soldier Manuals are constructed, the WCA for some MOS have both Skill Levels merged into one report. Each Skill Level is subdivided into two sections.


a. Introductory - these MOS critical words, identified by the code "TRN", represent terms unmatched on the master tape for that MOS. (Reasons for this include: words volunteered as critical; keypunching errors; updating master tapes per changes in SM, etc). NOTE: The number to the left of each critical word is its criticality index defined below.

b. Main - these MOS critical words are ranked alphabetically within a criticality index (defined below) that also is ranked from 1-5. The numbers to the right of the critical words represent the SM page on which that term appeared and its frequency of appearance. Example "222,4" is interpreted as: "4 times on page 222". NOTE: Due to computer programming/sort difficulties, the accuracy of correct page referencing is only approximately 80% for most reports. Improvements in programming and coding increased this accuracy to 95% in those reports completed last (i.e., dated Jan-Mar 82).

### 3. Word Criticality Index:

The following 5 point rating scale was used by a team of up to 3 subject matter experts from Army MOS proponent schools to rate each word selected as having some importance for training/performing a critical task:

1	2	3	4	5	
Most Important	Highly Important	Important	Somewhat Important	Least Important	



Session For	
3 GRA&I	<input checked="" type="checkbox"/>
4 TAB	<input type="checkbox"/>
5 announced	<input type="checkbox"/>
ification	
Distribution/	
Availability Codes	
Dist	Avail and/or Special
A	23 94

HEADQUARTERS  
UNITED STATES ARMY TRAINING AND DOCTRINE COMMAND  
FORT MONROE, VIRGINIA 23651

DATA CONTROL NUMBER

Job No/Proj No



JUN 25 1980

WCA  
OKAD

76W SK 1

KP-@  
P-@

ATDP FORM 109-1 Replaces ATDS 118-1, Feb 75,  
Feb 80 which is obsolete

PREPARED BY: OPERATIONS DIV, DPFO

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SEQUENTIAL DATA MANAGER

PAGE NO 2

J C J A J J M O K J B J J M O J J O J

MODE RETRIEVE  
KEY M=1, I=3, LEN=25  
EXIT "JUAL"  
MOVE I=1, U=1, LEN=1  
MOVE M=1, U=2, LEN=24  
MOVE M=26, U=6, LEN=7  
WRITE SYSINTS  
EXIT TRANSACTION  
PRINT TRANSACTION

76 W  
Skill 1

PAGE NO	Z TYPE	RECORD BYTES
	TRN	80
	TRN	80
	TRN	80
	TRN	80
	TRN	80
	TRN	80
	TAN	80
	TAN	80
	TRN	80
	TRN	80
	TRN	80
	TRN	80
	TAN	80
	TAN	80
	TRN	80

```
TRANS READ      11:09
LPECL           80
BLKSIZE         9000
```

UPDATED RECORDS	7037
LPGL	32
DLKS 174	3136

SYNCSORT III-AND-4-HALF COPYRIGHT WHITLCH COMPUTER SYSTEMS, INC. 1974 RFL : 8 DATE=80/175 TIME=14.33.12

SOAT R CLOS=(1.25,CH,A)

WTR045 END SORT PH

WTR047 DATA RIAS = CO

WTR124 TRK OVER-ALLCC FACTOR= PF11/USED=2.0

WTR051 FOR IN 7037, OUT 7037

WTR177 TPEIC APPLIED 1234

WTR0521 END SYNCSORT OPT= 4, TPERO207,STEP5



EOICTU01 003T 90175/BCC623 1434 EASY RETRIEVAL AND DATA MANIPULATOR

PAGE NO 1 TYPE RECORD BYTES

...05...10...15...20...25...30...35...40...45...50...55...60...65...70...75...80...85...90...95...100...105...110...

HEADER MADE WORD LIST BY PAGE TO 50

HEADER TO 1

IF 2 CT FROM GOBACK

IF RCJ 22 ENDRIN

IF SYXIN = 1 MOVE 1 TO H1.25 MOVE SPACES TO 1.122

MOVE 1 TO 1.1

MOVE 2 TO 4.70

GOBACK

IF 1 = H1.25 H2 MOVE SPACES TO 1.122 MOVE 1 TO 1.1

MOVE 1 TO 4.70

MOVE 1 TO H1.25

GOBACK

IF R34 = 1 MOVE 26 TO 34.7 GOBACK

IF R42 = 1 MOVE 26 TO 42.7 GOBACK

IF R50 = 1 MOVE 26 TO 50.7 GOBACK

IF R58 = 1 MOVE 26 TO 58.7 GOBACK

IF R66 = 1 MOVE 26 TO 66.7 GOBACK

IF R74 = 1 MOVE 26 TO 74.7 GOBACK

IF R82 = 1 MOVE 26 TO 82.7 GOBACK

IF R90 = 1 MOVE 26 TO 90.7 GOBACK

IF R98 = 1 MOVE 26 TO 98.7 GOBACK

IF R106 = 1 MOVE 26 TO 106.7 GOBACK

IF R114 = 1 MOVE 26 TO 114.7 GOBACK

IF R122 = 1 MOVE 26 TO 122.7 GOBACK

H2 MOVE SPACES TO 1.122 MOVE 26 TO 26.7

CWICODE 302 ECJCODE 0 CONSTANTS 41 FULLWORDS 0 RETURN# 64

FOI CTLO 003T 80175/860623 1434 EASY RETRIEVAL AND DATA MANIPULATOR

PAGE NC 2 TYPE RECORD BYTES

0000 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 6000 6500 7000 7500 8000 8500 9000 9500 10000 10500 11000

UNIT NAME UNIT# STEP=FFDM STEP=PRINT

DDNAME=SYSPRINT UNIT=641

DDNAME=SYSERR UNIT=642

DDNAME=SYSDDUMP UNIT=643

DDNAME=CYLINDEX UNIT=746

DDNAME=SYSOUT1 UNIT=740

DDNAME=SYSOUT2 UNIT=744

DDNAME=SYSIN UNIT=745

DSN=TIMEREADY1.M0576W

DSN=SYS80175 TO 72127, RY000, THER0207, 0001213

SEP=00:297

SEP=

SYSOUT1 INPUT	7027	SYSOUT2 OUTPUT	1409	SYSOUT3 OUTPUT	0	SYSOUT4 OUTPUT	0
RECL	72	RECL	122	RECL	0	RECL	0
BLKSIZE	3126	BLKSIZE	133	BLKSIZE	0	BLKSIZE	0

76 W  
Skill 1

DATE 80175 1434 PAGE

[illegible]

1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
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[illegible]

1	USAGPC	137.1																	
1	VAFPC	363.1	62.2	61.2	58.9	37.1													
1	VAFPCFREE	57.1																	
1	VAFPCRS	74.1	71.1																
2	ADIVE	493.1	82.1	75.1	69.1	60.1	50.1	47.1	44.2	39.4	38.1	37.1	30.1	7.1					
2	ACCESSORIES	424.5	10.1	4.1	2.1														
2	ACCOUNT	51.1	11.1																
2	ACCOUNTABILITY	23.1																	
2	ACCOUNTING	13.1	112.1	97.1	14.1														
2	ACCUMULATED	22.1																	
2	AIRCRAFT	495.4	121.1	98.1	97.1	91.1	80.1	83.1	87.2	86.3	85.7	84.10	83.1	82.14					
2	AIRFIELD	81.0	78.1	76.1	44.1	40.1	22.2	20.1	14.1	13.2	9.1	7.1	2.9						
2	AIRFIELD	85.2	81.1																
2	AIRLIFT	46.1	13.2																
2	AIRLIFTED	13.1																	
2	ALARM	7.1	6.2																
2	ALIVE	676.2																	
2	ALIGNMENT	73.1																	
2	ALISTER	432.1																	
2	AMOUNT	6.2	5.1	22.1	19.1	17.1	8.2	432.2	85.1	81.1	55.1	49.1	44.1	42.1					
2	AMOUNT	38.1	35.2	32.1															
2	AMOUNTS	40.1																	
2	ANNUAL	137.1																	
2	APART	493.1	84.1	64.1															
2	APPLICABLE	432.1	86.2	64.1	23.1	5.1													
2	APPLICATION	57.1	137.1	46.1															
2	APPLY	7.1	34.1	32.2	19.2	12.1	137.1	80.2	76.1	75.2	74.1	73.1	49.1	39.1					
2	ARROW	37.2																	
2	ARROWS	676.1	26.1																
2	ARROWS	48.1																	
2	ASSAULT	80.2	79.2	76.1															
2	ASSEMBLE	76.1	18.2	3.1	87.2	80.1	79.2												
2	ASSEMBLY	21.2	493.3	44.1	37.2	31.1	22.2												
2	ASSEMBLY	15.1	13.4	10.2	22.2	19.1	18.2	17.2	493.3	432.2	100.2	88.3	56.1	54.1					
2	ASSEMBLY	53.1	47.5	46.2	44.2	42.1	40.1	38.2	31.2	30.3	27.1	23.3							
2	ASSURES	14.1																	
2	ATTACH	10.2	2.2	36.2	21.3	14.1	13.2	493.1	432.2	89.2	86.1	82.2	75.1	74.1					
2	ATTACH	72.1	55.1	47.1	44.2	41.1	39.1	37.1											
2	ATTACHED	56.1	5.1	687.1															
2	ATTACHING	12.1	10.1																
2	AUTOMATIC	21.1	14.2																
2	AUTOMATICALLY	15.1																	
2	AVOID	74.1	68.1	63.1	52.1														
2	BAND	75.1																	
2	BASE	33.1	2.1	84.1	80.1	78.1	74.1	72.2	66.1	64.2	56.1	51.2	41.2						
2	BASE	453.1	59.1	22.2															
2	BATCH	13.1	12.2	7.2	6.1	86.2	68.4	65.3	14.1										
2	BATCHES	63.1	12.1	8.1															
2	BINDING	24.1	44.1																
2	BLEND	12.3	10.1																
2	BLENDING	12.1																	

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2	FUEL-RESISTANT	75.1																		
2	FUELER	82.1																		
2	GASOLINE	432.3	74.1																	
2	GASOLINE-DRIVEN	432.6																		
2	GASOLINE-INDICATING	75.1	74.1																	
2	GPU-LODED	54.2																		
2	GRIPPING	41.1	37.2	3.2	56.2	5.1	44.1	432.2	86.1	74.2	81.1	72.1	57.1							
2	HOSE	2.3	15.1	12.1	16.3	27.1	22.5	21.8	18.2	35.2	28.10	27.3	42.4	40.4						
2		39.4	71.2	56.2	54.4	44.2	687.1	493.2	453.10	342.1	89.6	87.5	96.4	85.1						
2		84.1	82.1	81.1																
2	HOSELINE	19.2	75.1	71.1	343.5	80.4	79.2	76.1												
2	HOSELINES	12.1	54.1	44.1	75.4	74.3														
2	HOSES	12.2	3.2	42.2	433.1	88.1	81.1	44.1	40.1	38.1	24.1	23.1	16.1	22.3						
2		21.3	19.1	17.2																
2	HYDROMETER	65.2	41.1	39.1	87.2	81.1	80.2	72.2	65.7	68.9	67.6									
2	HYDROMETERS	81.1																		
2	INSPECT	113.1	107.1	76.4	64.2	432.6	424.1	687.1	678.2	453.11	60.4	58.2	56.1	53.4						
2		46.1	34.3	36.2	30.4	23.1	19.1	18.2	8.3	7.3	6.1									
2	INSPECTED	697.1																		
2	INSPECTING	89.1	14.1																	
2	INSPECTION	18.1	13.1	43.1	30.1	24.1	25.1	63.1	61.1	82.1	433.1	432.3	85.1	87.1						
2		60.1	58.1	49.1	48.1															
2	INSPECTIONS	697.1																		
2	INSPECTS	13.4	12.2																	
2	LEVEL	483.3	433.1	432.14	69.1	67.1	64.2	67.1	84.1	80.1	137.5	90.2	89.1	87.2						
2		60.1	5.4	4.6	16.8	15.2	7.10	5.5	14.6	12.5	11.2	8.2	50.3	49.4						
2		21.1	38.1	25.1	24.1	15.2	15.2	51.3	58.1	3.4	2.1									
2	LEVELS	62.1	59.1	12.1	1.2	11.2	8.2	4.1	3.2											
2	MAINTENANCE	13.3	10.1	4.2	2.1	98.1	91.1	88.4	37.1	35.1	99.4	90.2	100.4	424.1						
2		432.16	432.5	687.2	493.9	29.2	28.3	24.1	15.2	14.1	33.6	21.2	20.1	19.1						
2		18.5	17.4	16.3	31.2	30.4	40.4	45.3	47.1	45.1	43.4	42.2	34.2	52.1						
2		45.2	61.3	60.2	59.4	58.4	74.1	72.1	63.2	75.1	72.1	78.1	77.2							
2	NOZZLE	83.3	433.2	90.2	16.1	13.1	3.2	22.2	84.1	84.12	59.2	44.4	38.3	30.1						
2		29.1	21.2	18.6	37.1															
2	NOZZLES	21.4	3.1	433.1	44.1	22.2														
2	OUTLET	55.1	54.5	53.3	28.2	7.1	3.1	432.1	56.6	88.1	87.2	72.2	57.1							
2	CUTLETS	87.1	88.1																	
2	PRESSURE	40.1	12.2	12.1	22.1	16.3	432.2	37.1	34.1	28.6	27.1	24.1	81.3	80.1						
2		38.1	73.1	72.1	71.1	65.6	64.4	62.2	59.2	56.1	50.3	49.1	39.5							
2	QUALITY	105.1	87.2	86.1	84.1	63.1	56.2	493.2												
2	QUANTITIES	13.1	11.1	10.1																
2	QUANTITY	54.1	55.1	41.3	39.1	38.1	37.2	34.1	19.1	18.1	11.1	7.1	6.1	68.3						
2		72.3	70.7	86.1	84.1															
2	REFUELER	87.2	94.2	82.4	81.2	2.1														
2	REFUELING	63.1	44.2	40.1	19.6	22.3	20.1	14.1	76.1	89.1	88.2	81.5	493.7	91.1						
2		432.1	122.1	87.6	86.4	85.1	84.2	83.1	82.2											
2	RPM	64.1																		
2	RPM'S	49.1	56.1	55.1	64.1	62.2														
2	RUST	678.1																		
2	SAMPLE	114.1	90.2	88.22	64.13	12.15	7.1	55.1	53.1	33.11	14.4	13.7	68.5	67.4						
2		65.1	87.3	56.1	69.4	85.1	82.5	86.9	81.2	80.2										

2	SAMPLED	87.1	86.2	12.2	64.1	63.1	13.1										
2	SAMPLER	84.1	72.1														
2	SAMPLES	13.1	12.4	14.1													
2	SAMPLING	13.1	17.1	493.2	119.2	88.1	23.1	14.1									
2	SINGLE-STAGE	47.1	35.1	80.1	50.1	48.2											
2	SKID-MOUNTED	432.5	22.1														
2	SOAP	54.1	30.1														
2	SPARKS	57.1															
2	SPECIFICATION	86.2	84.1														
2	SPECIFICATIONS	12.1															
2	SPECS	31.1															
2	SPLASHING	84.1															
2	STATIC	74.1	72.3	56.1	46.1	47.3	3.1										
2	STORAGE	13.4	12.3	58.1	57.3	55.1	53.2	23.1	14.1	2.1	493.2	86.2	84.2	74.4			
		73.1	66.1	64.2	8.3	7.3	4.1	11.2	47.1	33.10	26.4	24.4					
2	STOCK	4.4	7.7	6.3	90.1												
2	STORING	12.1	38.1														
2	SUCTION	23.1	24.1	28.2	35.2	40.4	42.6	49.1	54.2	56.3	59.4	62.4	64.2	65.4			
		86.3	88.1	432.3	433.1	22.2	21.1	19.1	16.1	2.3							
2	SURFACE	84.1	463.1	433.1	74.1	67.3	76.2	2.1	15.1	21.1							
2	SURFACES	19.2															
2	SURVEILLANCE	63.1	105.1	97.2	86.1	84.1	493.2										
2	TABLES	76.1	74.1	85.1	82.4	24.1	7.2	4.1	59.1	56.2	49.2	30.1	70.6	69.3			
		119.1															
2	TABLES	74.1															
2	UNCORRECTED	23.2															
2	UNIONIC	73.1	72.1	56.1	36.2	37.4	36.2	35.5	6.1	41.1	51.2	45.3	47.1	42.2			
		55.1															
2	UNLOADED	58.1	42.1	57.1													
2	UNLOADING	12.1	37.1	493.1	42.2	41.1											
2	UNLOADS	12.2															
2	UPPER	19.1	12.1	84.2	31.1	26.1											
2	VALUE	14.4	12.1														
2	VALUES	88.1	69.1														
2	VALVE	4.1	29.1	28.12	27.2	24.3	30.2	35.2	36.3	49.5	54.5	53.2	55.1	59.6			
		56.7	72.7	71.15	63.3	62.7	432.6	89.2	78.7	493.3	678.5	56.1	44.4	42.9			
		40.12	36.4	16.3	8.1	7.1	5.1	17.1	23.1	22.1	19.5						
2	VALVES	75.2	174.9	432.2	88.2	81.1	73.2	72.2	71.3	55.3	77.3	79.4	78.4	37.2			
		36.1	19.1	41.1	40.1	38.1	42.2	44.1	54.4								
2	VALUHS	72.1	76.1	73.1	3.2	69.1	55.1	12.1	12.2								
3	ABC-MITAI	424.1															
3	ACCIDENTALLY	55.1															
3	ACCOMPLISHED	137.1															
3	ACCOMPLANCE	16.1	14.1		79.2	74.1	59.2	42.1	37.1	32.1							
3	ACCORDING	6.1	3.2	45.2	46.1	43.1	37.1	23.1	15.1	16.1	7.3	493.1	343.2	137.2			
		71.1															
3	ACTUAL	56.1	4.1														
3	ACTUALLY	6.1															
3	ACRED	10.1	55.1	35.5	30.1												
3	ADJUST	78.1	45.3	15.1	9.1												
3	ADJUSTED	5.1															



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2	CANOPY	493.2	88.1	20.3	12.3	11.3	10.3											
2	CANVAS	13.2	493.1	82.1														
3	CAR	53.9	10.6	86.1	82.1	81.1	80.6	57.4	56.14	55.12	54.10							
3	CAREFUL	5.1																
3	CAREFULLY	71.1																
3	CARS	80.3	54.1	53.3	49.3	47.1	13.1	12.1										
2	CATEGORIES	4.1																
2	CAUTION	71.1	12.1	49.1	48.1	42.2	39.2	33.1	19.1									
2	CERTIFIIES	4.1																
3	CERTIFY	493.2																
3	CHANGE	137.1	90.1	30.3	12.1													
3	CHECK	607.2	678.1	493.7	432.28	424.7	104.1	90.6	88.1	82.5	81.5	78.7	76.1	72.2				
		72.4	68.1	64.4	63.2	62.5	60.1	59.5	58.1	56.2	55.20	54.16	49.6	47.1				
		44.3	42.1	37.1	35.1	34.1	33.1	32.2	31.2	24.3	22.2	19.1	16.16	11.2				
		9.1	8.5	6.1	3.9													
2	CHECKLIST	687.1	16.1	11.1														
2	CHEKS	43.1	14.1	81.3	56.1													
2	CHINES	2.2																
2	CIRCULATION	44.1																
3	CLASSIFICATION	1.9.1																
3	CLEAN	3.1	2.1	24.2	23.1	19.4	18.2	14.1	12.1	5.3	4.3	432.7	90.2	88.1				
		86.1	80.1	78.1	72.2	72.2	71.2	57.1	63.1	57.1	55.1	48.2	44.2	36.1				
		30.3																
2	CLEANED	4.1																
2	CLEANLINESS	53.1																
2	CLIPS	3.1	2.1	86.1	81.1													
2	CLOSE	29.1	28.1	24.2	19.2	17.1	16.1	12.2	10.2	678.5	433.1	432.2	90.1	84.1				
		79.1	73.1	72.4	71.4	63.2	60.1	59.3	57.1	56.3	55.3	54.1	49.3	44.3				
		42.3	40.1	39.2	38.2	37.2	36.2	35.2										
2	COLOR	82.1	62.2	11.2	10.3	3.1												
2	COMBUSTIBLE	57.1	8.1															
2	COMMERCIAL	15.3																
2	COMPARE	76.1	74.1	56.2	55.1													
2	COMPARTMENTS	57.4	32.2	39.2														
2	COMPONENT	137.2	29.1	4.3	1.1													
2	COMPONENTS	86.3	39.1	19.1	4.2	492.1	424.2	137.1	122.1	80.2	87.3							
2	CONNECT	13.1	2.2	54.4	47.1	42.2	37.1	30.1	24.8	21.2	18.1	433.6	88.6	87.3				
		56.1																
3	CONNECTED	57.1	56.2	55.1	53.1	23.1	21.2											
3	CONNECTING	85.2	2.2	432.1														
3	CONNECTION	54.1	42.1	16.1	433.1	86.2												
3	CONNECTIONS	13.1	3.1	432.2	88.1	87.2	71.3	54.2	37.1	36.1	16.2							
2	CONNECTS	13.1																
2	CONSTANT	69.1	52.1															
2	CONSTRUCT	7.1																
2	CONTAINER	12.4	12.4	7.3	6.1	3.1	2.4	90.1	86.1	86.4	84.4	72.1	67.1	63.1				
		59.1	47.3	39.1	38.1	32.14	30.1	29.2	28.1	27.1	18.1	17.2	15.1	14.1				
3	CONTRCLS	432.1																
3	CONVERSIONS	13.1																
3	COOLANT	51.1	49.1	432.5	63.1	60.1												
3	CORRECT	59.7	56.1	55.1	53.1	51.2	32.1	7.1	3.2	432.9	78.1	72.2	69.1	63.1				

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	433.1	432.3	343.1	88.1	87.2	85.1	81.1	80.1	79.1								
2 ERRORS	8.1																
2 EXAMINE	2.2	1.1	92.1	63.3	58.1	6.1											
2 EXTINGUISH	59.6																
3 EXTINGUISHERS	8.1	35.2	37.1	36.2	30.1	27.1	23.2	21.1	18.2	76.1	73.2	55.1	53.2				
	48.1	47.1	43.2	71.1	60.5	59.1	72.1	687.2	432.3	85.1	88.1	86.1	85.2				
	82.2	81.1	80.1														
2 FEMALE	16.1	40.2	15.2														
2 FIRE	88.3	687.7	432.3	90.1	89.1	87.1	86.1	85.2	84.1	82.4	81.2	80.1	76.2				
	73.2	72.1	71.2	61.1	60.5	59.10	58.6	55.1	53.2	48.2	43.2	41.1	39.7				
	37.2	36.3	31.2	30.12	29.7	28.2	27.1	23.2	21.1	20.1	18.2	15.1	13.2				
	8.1	6.1	3.2														
2 FIREFIGHTING	59.1	13.1															
2 FIRES	13.1	59.5															
2 FIRST-IN	6.1																
2 FIRST-OUT	6.1																
2 FLANCE	493.1	90.1	78.2	18.1	2.1												
2 FLASH	24.1																
2 FOAM	53.1																
2 FORM	91.1	90.3	85.3	687.2	102.1	100.1	433.3	432.9	137.3	107.1	127.1	113.1	111.1				
	109.1	94.1	69.2	68.1	67.1	66.1	65.1	64.5	63.3	62.1	61.1	59.2	58.1				
	76.2	86.1	85.1	84.2	81.1	71.1	8.6	6.4	5.1	13.1	12.1	11.7	10.4				
	40.1	48.2	51.6	50.5	61.4	60.3	59.2	58.3	44.1	43.4	40.1	38.1	35.5				
	14.1	33.14	32.6	31.3	30.2	24.1	23.5	19.4	18.3								
	12.1	6.1	86.3	31.1	493.5	432.1	83.1	87.2									
2 FORWARD																	
2 FT	432.10																
2 FUELED	44.1																
2 FULL	89.1	71.2	119.1	84.1	67.1	66.1	63.1	55.1	37.1	54.5	49.1	44.1	40.1				
	36.1	34.2	33.3	19.1	16.2	13.1	8.1	7.1									
2 GASKET	493.1	77.1	76.1	75.3	73.3	3.1											
2 GASKETS	71.3	22.1	72.3	70.1													
2 GATE	36.1	10.1	678.1														
2 LPM	427.3	80.2	65.1	23.1	15.1												
2 GPM'S.	65.1																
2 GRADE	32.4	3.2	2.1	68.5	65.1	493.2	70.4										
2 GRADIES	2.1	11.1															
2 GRAPHITE	78.1																
2 GREASE	77.1	72.2	12.1	432.2	78.1												
2 GREASES	7.1																
2 GREEN	6.1																
2 GROUND	21.4	2.7	54.6	53.2	44.2	42.1	41.7	39.5	37.5	36.5	33.1	31.1	28.2				
	23.1	493.3	433.9	92.1	90.1	87.9	85.6	85.6	84.5	82.6	81.2	80.1	75.1				
	74.1	77.7	64.2	56.3													
2 HANDS-ON	4.4																
2 HAZARDS	493.2	71.1															
2 HELICOPTER	3.4	100.2	47.1	46.1													
2 HIGH-FLASH	19.1																
2 HOT	31.2	49.2	493.1	50.1													
2 KUYLINE	15.1																
2 HOUR	9.1	88.2	35.2														
2 HOURLY	59.1	58.1	65.1	64.1	62.1	61.1	69.2	68.1									

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	54.3	48.2	47.1	45.1	43.2	40.4	37.1							
3 OPERATOR'S	424.1	127.1	100.3	16.2	2.2									
3 NOTICE	82.7	76.3												
3 CUTTING	71.3	13.1												
3 OVERCOUPLING	78.1	76.3												
3 OVERFILLING	71.1													
3 COUNTERFLOW	493.1	84.1	22.1											
3 PACKAGED	495.1	7.11	6.7	4.4	96.2	92.1	90.1	64.1	46.4	44.3	13.3	12.10	11.3	
	10.5	9.3	8.3	3.5	2.4									
3 PAINT	77.2	12.3	10.2	3.2	11.3									
3 PALLETS	6.1													
3 PANEL	49.1	35.1	432.2	424.1										
3 PERCENT	13.1													
3 PILEDRAGE	70.2	13.1												
3 PINE	50.2													
3 PIPE	71.1	21.1	20.1	75.4	75.1	74.4	73.8	678.1	77.3					
3 PLUS	79.1	678.1	84.3	31.2	30.4	24.1	2.1	78.2	76.3					
3 PLUGS	23.2	21.3	493.1	82.1	38.1									
3 PUMP	19.3	18.7	51.5	56.5	55.1	54.16	53.1	17.3	13.3	7.1	3.1	1.1	23.7	
	21.4	77.1	24.5	432.23	135.1	493.7	433.6	59.17	58.4	62.15	61.4	60.2	68.3	
	65.10	64.11	63.2	90.5	85.3	88.5	86.3	84.1	84.1	87.6	82.1	81.4	80.1	
	130.1	98.1	94.1	93.1	36.4	40.11	39.1	38.1	37.1	35.1	49.3	43.3	42.3	
	48.4	47.1	45.1	44.2	15.4	14.1	16.3	30.2	29.1	28.11	25.3	33.1		
3 PUMPS	35.1													
3 PUMPED	24.1	60.7	65.1											
3 PUMPING	36.1	17.1	59.1	56.1	37.1	71.2	63.1	65.2	62.1	422.4	150.1	88.1	79.8	
3 PUMPS	453.1	13.4												
3 QUART	12.1													
3 RAILCAR	54.1	9.1												
3 RAILCARS	10.1	9.1	7.4	13.1										
3 RAILS	56.1													
3 RECEIPT	6.2	104.1	8.1											
3 RECEIVE	4.5	14.1	6.4	16.1	15.1	137.1	117.1	79.2	71.1	27.6	23.2	21.1		
3 RECEIVED	2.1	6.1	4.2	8.1										
3 RECEIVING	0.2	6.2	42.2	33.1	32.1	21.1	65.1							
3 RECIRCULATE	87.1	81.1												
3 RECIRCULATING	81.2													
3 REFUEL	42.1	81.2	43.1	15.1										
3 REFUELED	32.1	433.1	81.1											
3 REQUEST	107.1	15.1	493.3	137.1	6.2									
3 REQUISITION	137.1													
3 SAND	8.2	4.1	424.1											
3 SCRAPE	70.1													
3 SCRAPER	65.3	72.11												
3 SEAL	10.1	7.1		37.1	33.1	31.1	76.1	75.1	56.2	55.1	41.1			
3 SEALING	34.4	26.5	24.4											
3 SEALS	41.1	56.1	687.2											
3 SEGLMENT	31.1	80.1	72.1	70.2	432.3	1.1	63.3	12.1						
3 SEGREGATE	7.3	6.3												
3 SEGREGATES	12.2													
3 SELECT	3.1	68.1	67.1	26.1	13.1	69.1								

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4	COATING	39.1	75.1													
4	CODE	8.2	4.1	3.2	137.1											
4	CODES	8.2														
4	COLLAPSED	16.2														
4	COLLAPSIBLE	2.3	492.2	100.1	89.1	87.2	31.1	30.3	29.1	28.4	27.8	26.4	24.4	22.1		
		21.1	13.2	10.2	4.2	3.2										
4	COLLECT	88.1	72.1	56.1												
4	COLLECTING	72.1														
4	COMMON	7.3	5.1	1.1	493.1	16.1	8.1									
4	COMMUNICATIONS	78.1														
4	COMPLETING	35.2														
4	COMPLETION	111.1	75.1													
4	CONSTRUCTED	2.1														
4	CONSTRUCTION	22.1	12.1													
4	CONTACT	9.1	76.1	75.1	55.3	54.3	31.1	19.2								
4	CONTAINERS	23.1	20.1	18.6	16.3	13.6	12.5	10.1	8.1	7.7	6.4	3.5	2.5	493.2		
		453.1	107.1	96.2	92.1	88.1	87.3	85.1	84.1	81.1	80.1	76.1	73.2	71.3		
		58.3	57.2	53.1	43.1	46.2	37.1	36.2	32.1							
4	CONTAINING	11.1	6.1													
4	CONTAINS	12.1	9.1	8.2												
4	CONTENTS	110.1	84.1	67.1	56.3	53.1	33.2	13.1	12.2	7.2	3.2					
4	CORD	31.1	84.1	64.3	33.1											
4	CORR	23.2														
4	CORRESPONDENCE	137.1	6.7													
4	COUNTY	34.1	17.6	10.4												
4	COUNTER	1.1														
4	COUNTERCLOCKWISE	678.1	44.1													
4	COUPLER	27.1	30.1	29.1	28.7											
4	COVER	5.1	72.2	493.4	137.1	82.1	80.2	66.1	63.1	60.1	57.1	56.3	55.3	54.1		
		53.1	52.1	51.1	50.1	48.1	44.1	42.2	41.4	40.3	39.2	37.5	23.1	20.1		
		19.2	13.2	12.2	10.1	7.1	6.2									
4	COVERED	46.1	12.1													
4	COVERING	48.2														
4	COVERINGS	7.1														
4	CUS	66.1	23.1	7.1												
4	CYLINDER	87.1	80.1	68.1	67.5	39.1	72.2									
4	CYLINDERS	91.1	72.2													
4	CYLINDRICAL	7.2														
4	CS	6.1														
4	D-DING	13.2														
4	D-1	137.1														
4	DAMAGE	73.1	56.1	46.1	493.3	432.4	21.1	3.1	44.2	39.3	31.1	24.2	16.2	12.1		
		7.1	6.1													
4	DAMAGED	7.1	3.2	432.3	73.1	22.1										
4	DANGER	84.1														
4	DARK	52.1	11.1	10.2												
4	DATA	55.1	14.2	13.1	75.1	70.1	65.1	97.1								
4	DATED	137.2														
4	DATES	0.1														
4	DEBRIS	493.1	71.1													
4	DECONTAMINATION	493.1														

4	DEEP	42.1	51.3																
4	DEFICIENCIES	3.1	5.1	422.4	424.1	90.2	49.2	23.1	8.1										
4	DEFICIENCY	30.1																	
4	DELIVERY	86.2	51.1	38.1	100.1	37.1	3.1												
4	DEMANDS	7.1																	
4	DESCRIBED	30.1	12.1	88.1	87.1	50.1	48.1	42.1	40.1	29.2									
4	DESCRIBES	7.1	14.1																
4	DESCRIPTION	493.2	7.2																
4	DESIGN	9.1																	
4	DESIGNATED	493.1	67.1	59.1	55.1	6.2													
4	DESTINATION	65.2																	
4	DETECT	71.1	13.1																
4	DETECTED	47.1																	
4	DEVELOP	6.1	9.1																
4	DEVELOPED	9.2																	
4	DEVELOPMENT	6.1	493.1																
4	DEVICE	86.1	72.1																
4	DIMETER	71.2																	
4	DISTANCE	12.1																	
4	DISTANCE	412.1	90.1	16.2															
4	DISTANCE	12.1																	
4	DISTANCE	5.1																	
4	DISTANCE	16.2																	
4	DISTANCE	12.1	493.1	100.1															
4	DISTANCE	16.1	30.1	22.1															
4	DISTANCE	7.1	6.1	13.1	11.1	9.1	3.1	2.1	127.1	80.2	76.1	75.1	74.1						
4	DISTANCE	73.1	72.1	71.1	70.1	64.1	63.1	62.1	60.1	59.1	58.1	57.1	56.1	55.1	54.1	53.1	52.1	51.1	50.1
4	DISTANCE	42.1	39.1	38.1	37.1	36.1	35.1	34.1	33.1	32.1	31.1	30.1	29.1	28.1	27.1	26.1	25.1	24.1	23.1
4	DIVISION	69.2	11.1																
4	DIZZINESS	50.1	49.1																
4	DOING	54.2	53.1	55.2	57.1	56.3	82.3	40.2											
4	DOING	40.1	31.1	100.1	49.1														
4	DOING	10.1																	
4	DOING	60.1																	
4	DOING	10.2																	
4	DOING	40.2	2.1																
4	DOING	12.1	6.1	82.1	71.1	70.1	69.2	67.1	62.1	59.1	56.1	49.1	37.1	34.1					
4	DOING	51.1	26.1	13.1	432.1	86.1													
4	DRAINAGE	56.1	55.1																
4	DRAINAGE	14.1																	
4	DRAINAGE	20.1	13.1																
4	DRAW	87.1	82.1	76.1															
4	DRESSING	37.2	55.3	48.2	44.1	38.3													
4	DRILL	137.1																	
4	DRIP	76.2	75.1																
4	DRIPS	86.1																	
4	DRIVE	36.1	21.1	37.1	72.1	85.2	82.1	41.1	39.1	493.1	87.2	433.1							
4	DRY	52.1	5.2	80.1	73.2	67.1													
4	DUE	34.1	137.1																
4	DUST	65.1	38.1	23.3	21.4	27.1	493.2	84.3	82.1										
4	DUTIES	6.1	15.1	14.5	13.1	12.4	11.1	7.1											

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	2.1	1.1	7.10	6.1	5.3	3.3	33.2	32.2	30.3	27.1	28.1	23.1	20.1
4 DUTY	18.1	16.1	15.1	14.1	12.1	11.2	9.2	9.2	56.1	54.1	53.2	48.1	46.1
	42.1	39.1	71.2	75.1	74.1	75.1	72.1	50.2	57.2	70.1	67.2	60.1	59.1
	67.1	64.1	63.1	62.1	137.1	90.1	89.1	88.1	87.2	78.1	77.1	76.1	85.1
	81.1	80.2	79.1	36.1									
4 DYING	12.1												
4 DYNAMIC	432.2												
4 EACH	3.3	2.3	8.4	7.3	5.5	4.3	72.1	69.1	68.1	67.1	65.1	47.2	34.2
	33.1	64.7	32.3	30.3	29.2	26.1	22.1	21.3	18.3	16.2	15.1	14.3	13.1
	12.4	11.5	9.8	75.1	657.2	678.1	493.2	433.2	137.6	80.7	87.1	76.1	
4 EARLIER	50.1												
4 EARPLUGS	46.1												
4 EARS	51.1												
4 EARTH	31.1												
4 EASIEST	47.1												
4 EASILY	41.1	22.1	11.1										
4 EASY	78.2	22.1	6.1										
4 SCHEDULE	424.1												
4 ECOLOGY	71.4	35.1											
4 EDGE	18.1	66.1	39.1	30.1	22.1								
4 EDGES	7.1												
4 EFFECTIVE	137.1												
4 EFFECTIVENESS	90.1	82.4											
4 EFFICIENT	14.1												
4 ELECT	16.2	14.2											
4 ELECTRIC	13.1												
4 ELECTRICAL	12.1	9.1	3.1	43.1	39.1	36.1	33.1	27.1	23.1	18.1	15.1	64.1	61.1
	53.1	46.1	71.1	72.1	85.1	81.2	80.1	77.1	76.1	75.1	74.1	73.1	
4 ELECTRICITY	74.1	72.5	50.1	48.1	46.1	41.3	3.1						
4 ELEMENT	23.1												
4 ELEMENTS	23.1	5.2	90.1	88.1	21.1	424.1							
4 ELEVATED	18.1												
4 ELEVATION	39.1												
4 ELIGIBLE	6.1	4.1											
4 ELIMINATED	58.1												
4 ELIMINATES	24.1												
4 EMPLOYING	42.1												
4 EMP	20.1	12.1	5.3	2.3	30.2	73.1	72.1	71.3	55.1	47.5	44.1	32.1	31.1
	30.1	74.2	433.3	65.2	67.4	82.1	493.1						
4 ENGINEERED	14.1												
4 ENDS	10.1	4.4	88.1	73.1									
4 ENDS	37.1	30.1	81.1	62.1									
4 ENGINE	17.1	16.1	44.3	42.3	40.1	38.1	35.1	25.1	23.1	19.2	437.7	90.3	81.1
	62.4	59.5	51.22	50.10	49.4								
4 ENGINEER	27.1												
4 ENOUGH	16.1	7.1	4.1	44.1	41.2	34.1	22.1	50.1					
4 ENTIRE	14.1	13.1	12.1	31.1	22.1	16.1	75.1	75.1	73.2				
4 ENVS	11.1	7.2	5.1	3.2	119.3	15.3							
4 EQUIPMENT	15.6	12.5	11.2	10.4	9.2	8.2	7.4	6.1	5.1	4.6	3.4	2.1	31.1
	30.1	29.1	27.1	35.3	33.9	42.1	56.1	53.1	52.1	50.3	49.1	48.2	44.1
	43.3	26.1	20.5	19.4	18.3	23.3	22.1	16.1	15.1	14.2	13.5	12.2	343.1

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4 FIGURE	4.2	3.3	24.2	13.1	12.4	11.6	10.2	9.1	8.3	7.2	34.4	33.4	32.3
	27.2	35.1	38.3	37.2	47.2	46.2	45.1	44.1	43.1	41.4	40.4	38.1	31.2
	82.2	80.2	79.1	75.2	74.2	66.3	65.2	70.1	69.3	69.1	67.3	65.1	64.1
	83.1												
4 FILLING	71.1	56.1	54.2	27.1	21.1	18.2							
4 FILM	19.1												
4 FILM	43.1	35.1											
4 FIT	76.1	77.1	76.2	493.2									
4 FITNESS	7.1	20.1	17.3	16.7	15.4	14.9	11.1						
4 FIVE	13.1												
4 FITTED	2.1												
4 FIVE	2.3	34.3	17.2	16.1	15.2	14.1	11.1	9.1					
4 FIVE-GALLON	2.1												
4 FIXED	78.1												
4 FLAKING	243.2												
4 FLATS	69.1												
4 FLOOR	10.1	9.1											
4 FLOW	15.1	88.1	84.2	63.1	54.1	40.1	28.2	678.2	432.1				
4 FLOWING	23.1												
4 FLUID	23.1	432.2	43.1										
4 FLUSH	63.1	55.1											
4 FOLLOW	56.1	7.1											
4 FOOT	84.1	75.2	64.1	52.1	51.3	39.1							
4 FORCE	78.1												
4 FORCLIFT	12.1												
4 FORMS/RECORD	41.1												
4 FOUND	44.1	36.1	33.3	9.1	6.1	5.2	2.1	85.1	68.1				
4 FOUNDATION	12.1												
4 FOUR-WAY	15.1	42.1											
4 FROG	424.1	71.1	63.1	31.1									
4 FROZE	22.1												
4 FREEZING	678.2												
4 FREQUENTLY	7.1												
4 FRONT	5.3	6.1	69.1	66.1	61.1	30.1	10.3	9.8					
4 GAS-TYPE	72.1												
4 GAS	44.1	17.1	24.1	19.1	7.1								
4 GEAR	56.2												
4 GEARSHIFT	38.1												
4 GLASS	64.1	462.1											
4 GLOVE	678.1												
4 GLOVES	26.1	9.1	32.1	30.1									
4 GOAL	8.1												
4 GOGGLES	45.1												
4 GEO	12.1	11.2	20.1	56.1	39.1								
4 GRADUATION	137.1												
4 GRAVITIES	69.2												
4 GRAVITY	12.1	37.1	36.4	19.1	42.3	55.1	41.4	40.2	39.2	69.8	60.1	67.5	65.2
	56.7	82.1	74.2	72.2	70.4	97.1	493.1						
4 GROUNDS	84.1	12.1	2.1										
4 GUANO	137.2												
4 GUIDE	79.1	19.1	11.1	10.1	1.1	137.1	119.1						

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4	HAIR	54.2	49.1	31.3	76.3	72.3							
4	HAIRY	44.1	24.2	49.2	59.1	62.1							
4	HAIRY	76.1	73.2										
4	HAIRY	6.1											
4	HAND	6.2	41.1	39.2	38.2	33.1	7.2	80.1	74.2	72.2	67.2	66.1	64.2
4	HANDS	63.1	493.1										
4	HANDS	24.1	18.2	44.2	38.1	29.1	28.1	59.1	90.2				
4	HANDS	7.1	98.1	97.1	131.1								
4	HANDS	2.1											
4	HANDS	13.1											
4	HANDS	78.1											
4	HANDS	678.5	78.2										
4	HANDS	68.1											
4	HANDS	12.1	7.1	433.1	38.1	28.2							
4	HANDS	41.2	31.1	76.2	75.1	82.1	74.2	72.2	66.4	64.1			
4	HANDS	37.1											
4	HANDS	9.1	6.2										
4	HANDS	1.1											
4	HANDS	32.1											
4	HANDS	19.1											
4	HANDS	74.1	66.1										
4	HANDS	46.1	38.2	12.1	11.4	10.1							
4	HANDS	432.1	22.2	4.1									
4	HANDS	15.1	14.1										
4	HANDS	31.1											
4	HANDS	119.1	15.1										
4	HANDS	7.1											
4	HANDS	7.1	12.1	56.1	55.1	493.1	84.1						
4	HANDS	4.1	2.6	96.1	92.1	90.1	89.1	64.1	49.1	42.1			
4	HANDS	17.1	49.2	44.1	38.1	56.1	55.3	432.2	90.3	62.3			
4	HANDS	432.1											
4	HANDS	65.1	6.1	432.1	68.1								
4	HANDS	25.1	5.1	62.1	55.1	56.1	49.1						
4	HANDS	74.2											
4	HANDS	93.1	678.2	432.1									
4	HANDS	433.1	88.1	87.2	72.2	28.2	8.1	5.1					
4	HANDS	435.3	88.1	87.2	86.3	77.1	76.9	72.1	26.1	22.1			
4	HANDS	10.3	9.1	493.2	122.1	84.2	76.2	32.1	11.3				
4	HANDS	49.1											
4	HANDS	5.1	100.1										
4	HANDS	37.1	30.1	7.1									
4	HANDS	39.1	30.1										
4	HANDS	11.1											
4	HANDS	13.1											
4	HANDS	71.1	82.1										
4	HANDS	105.1	86.2	11.1									
4	HANDS	8.3	24.1										
4	HANDS	3.2	8.1	137.1	15.1	9.5	7.11	5.1	4.1				
4	HANDS	15.1	14.1	11.3	64.1	7.2	137.1						
4	HANDS	63.1	60.1	75.2	72.3	64.1	90.2	81.1	78.9	76.3	432.6	678.1	493.4
4	HANDS	30.2	73.1	53.1	48.1	22.1	16.5	13.2	8.2	7.2	6.1	3.4	58.1

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4	RAIL	72.1	72.1	71.1	67.1	80.1	76.1	74.1										
4	RAFE	49.3	47.1	86.1	60.7	74.1	56.5	55.6	54.7	53.8								
4	REFAR	33.1	4.1	65.1	432.1													
4	RECORD	9.2	30.1	10.1														
		75.2	74.1	73.2	72.1	70.1	81.1	80.2	76.4	687.1	433.1	112.1	89.1	86.1				
		84.1	82.2	38.1	37.2	30.8	42.1	41.2	69.4	68.1	66.1	65.1	64.1	63.1				
		62.1	61.3	59.1	58.2	56.1	55.1	51.6	50.5	48.1	43.1	32.1	33.1	4.1				
		18.2	17.1	11.1	9.1	19.1	29.6	23.2										
4	RECORDS	12.1	12.1															
4	REDUCE	432.1	84.1	54.2														
4	REFERENCE	74.2	52.1	13.1	11.1	84.1	82.1											
4	REFERENCES	5.1	2.1	22.1	19.1	17.2	15.1	14.1	13.1	11.1	10.1	9.4	8.2	5.2				
		4.2	50.1	48.1	47.1	45.1	43.1	42.1	41.1	38.1	36.1	35.1	33.1	31.2				
		29.1	26.1	24.1	24.1	21.1	19.1	18.2	17.2	16.1	15.1	14.1	13.1	12.1				
		54.1	84.1	61.1	60.1	60.1	62.1	62.1	422.1	343.1	117.2	104.1	76.1	75.1				
		74.1	73.1	72.1	70.2	60.1	62.1	75.2	78.1	77.1								
4	REFILL	492.1	90.1															
4	REISSUE	127.1																
4	REPAIR	50.1	71.2	66.1	74.3	30.6	28.1	54.1	45.1	44.1	21.3	26.5	24.3	13.1				
		100.1	432.1	78.5	76.6	75.5	433.3	433.2	678.1									
4	REPLACE	13.1	4.1	3.2	24.1	17.1	38.1	679.1	492.1	86.1	84.3	78.2	76.1	74.1				
		73.3	72.5	71.2	55.1	64.3	57.2	56.1										
4	REQUISITIONING	124.1	8.1															
4	RESTORE	9.1	73.1	37.1														
4	RESTOPING	493.1																
4	RESULT	15.1	7.1	17.1	69.1	42.1												
4	RESULTS	5.1																
4	RESUPPLY	127.1	46.1															
4	RETURN	42.1	37.1	137.1	66.1													
4	RETURNS	51.1																
4	RINGS	19.1																
4	ROCKETS	26.1																
4	ROTATES	12.1																
4	ROUTE	1.1	85.1															
4	RUMORS	100.2	424.1															
4	RUPTURE	16.2																
4	S. FRY	12.1	14.2	13.1	50.1	49.1	36.1	24.1	62.2	59.3	56.6	54.2						
4	CONTRIBUTED	3.1																
4	SECTIONS	39.1	74.1	73.1	40.1													
4	SERIES	492.1	424.1	5.1	2.2	137.1	104.1	16.1	6.1									
4	SERVICEABILITY	107.1	10.2	13.1	432.1													
4	SHIPMENT	36.2	5.1															
4	SPLIT-LEAK	77.1	76.1															
4	SPLIT-PAINT	78.1																
4	STACK	7.1	10.1															
4	STACKS	10.1	7.2															
4	STAGE	42.1	61.1															
4	STAGES	81.1	42.1															
4	STANDARD	2.1	7.4	6.1	3.1	8.4	11.1	10.1	5.1	343.1	422.3	687.1	678.1	493.2				
		432.1	27.1	46.1	44.1	32.1	20.5	25.4	43.1	39.1	36.1	23.2	72.1	76.1				
		75.1	74.1	73.1	75.2	26.1	25.1	78.1	71.2	18.1	10.1	53.2	70.1	67.1				

	NOS WORD LIST BY PAGE										DATE 80175 1434 PAGE 24			
	64.2	62.1	62.1	59.1	12.1	88.1	87.2	55.1	54.2	16.2	14.2	85.1	81.1	
	58.1	57.1	56.2											
4 STOCK	6.2	7.2	12.1	86.2	21.1	24.2	113.1							
4 STOCKS	12.1	13.1												
4 STOP	6.1	38.2	41.1	40.1	39.4	49.1	44.1	43.1	33.2	31.1	30.1	29.1	28.2	
	17.1	54.1	26.1	37.3	34.1	62.1	90.1	84.2	78.1	71.2	678.1	432.1	59.1	
	55.1													
4 STOPPED	39.1	68.1												
4 STORIES	85.1	18.1	39.1	9.1	3.1	75.1	74.1	81.1	80.1	77.1	76.1	15.1	12.1	
	27.1	23.1	71.1	64.1	61.1	53.1	46.1	43.1	36.1	73.1	72.1	33.1		
4 STRAINER	51.1	22.2	16.1	3.1										
4 STRAINSES	15.1													
4 SUPPLIES	12.3	13.1	8.2	7.1	6.1	4.1	3.2	127.1	111.1	100.2				
4 SUPPLY	39.4	30.2	29.1	20.3	36.2	33.5	32.3	31.1	27.2	14.1	9.1	90.4	1.2	
	12.3	11.2	10.1	9.3	8.1	7.1	6.3	4.1	3.4	2.4	16.1	15.2	20.7	
	19.4	18.2	22.1	26.3	22.2	90.1	103.1	85.1	82.1	89.1	88.1	87.2	86.1	
	117.1	104.1	129.1	1.9.3	137.4	493.3	341.1	42.2	42.1	42.1	54.4	52.2	48.1	
	46.2	57.4	56.7	59.3	50.4	63.2	62.2	61.1	60.2	64.2	66.1	79.1	70.1	
	77.1	76.3	75.2	74.2	73.2	72.2	71.3	70.2	69.1	67.1				
4 SUPPORT	157.1	104.1	107.6	432.4	424.2	423.3	45.2	5.1	6.1	13.1	11.1	10.2	8.1	
	14.4	21.1	17.2	16.4	33.1	31.3	27.2	22.1						
4 SYSTEM	87.4	114.2	433.1	432.2	128.1	122.1	117.1	85.1	88.3	91.1	104.2	100.1	92.1	
	493.1	29.1	21.1	22.3	21.4	20.4	19.4	17.1	16.1	13.1	11.1	8.1	7.2	
	6.1	1.2	86.3	81.1	80.1	79.2	73.2	72.3	64.1	63.2	61.1	60.1	58.1	
	56.1	51.1	50.3	39.1	35.1									
4 TAG	13.1	14.1	68.1	86.2	63.1	61.1	60.2							
4 TANKS	52.1	17.1	91.1	432.2	100.1	60.1	35.1	25.1	19.1					
4 TEMPERATURE	75.1	82.1	76.1	55.1	41.3	74.1	64.6	56.1	66.1	65.3	72.2	70.3	69.9	
	68.2	31.1	12.2											
4 TEMPERATURES	75.1													
4 THERMOCYCLETTERS	57.1													
4 THREE-QUARTERS	67.1													
4 TIGHTEN	10.1	3.2	26.1	41.2	40.1	31.3	678.1	75.2	71.1	73.1	78.2	76.3		
4 TIGHTLY	57.1	32.1	10.1	84.1	76.1	64.1								
4 TOTAL	14.2	11.1	10.1	35.2	32.2	30.1	29.1	22.1	17.1	16.2	15.1	65.1	432.2	
	70.2	68.4												
4 TOTALS	69.2													
4 TRUCK	4.1	36.8	21.1	10.6	9.4	493.2	100.1	86.1	84.1	82.1	45.1	39.1	38.2	
	37.8													
4 TRUCKS	13.2	12.2	9.1	72.1	37.1	36.2	35.4							
4 TURN-IN	137.1	6.1												
4 TYPE	2.1	6.2	5.2	4.1	3.3	32.4	68.2	66.1	65.1	86.1	85.1	81.2	31.2	
	30.4	26.1	11.1	9.1	7.2									
4 TYPES	2.1	72.1	11.1	9.1	5.1									
4 UNDERGROUND	64.1													
4 UNIT	2.1	3.1	432.1	424.2	32.5	8.2	7.1	493.4	21.2	16.6	14.7	11.1	6.1	
	5.6	4.1	5.5	43.3	40.4	137.9	100.1	68.2	65.2	64.2	45.2	45.1	44.1	
4 UNITS	8.2	5.3	30.2	11.2	492.1	137.2	4.3	3.1	104.2	33.2				
4 UPSTREAM	65.1	16.1												
4 VERIFICATION	4.2	7.1												
4 WARWUP	62.1	51.1	16.1											

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4	WORKING	6.1	31.1														
4	WAT	17.1	8.3	49.5	48.2	54.3	53.2	51.2	50.11	5.2	43.2	32.1	30.1	23.2			
		22.2	21.2	63.3	55.2	432.1	424.2	109.2	90.1	87.1	81.1	80.2	75.1	74.1			
		70.2	64.2	4.1	2.3	1.1	13.1										
4	WELDING	57.1															
4	WERN	4.1															
4	WORK	5.1	7.3	137.1	119.1	9.1	8.1	14.3	11.1								
4	WORKSHEET	61.1	64.1	66.1	48.1	58.1	89.1	80.1	433.1	69.2	18.1	43.1	42.1	41.1			
		73.3	74.1	75.2	30.1	23.1	72.2	70.2									
4	WORKSHEETS	76.1															
4	WRENCH	18.1	12.1	79.1	78.1												
4	WRENCHES	71.1	77.1	76.1	73.1												
4	YELLOW	6.1	3.1														
5	ABILITIES	6.1															
5	ABNORMAL	412.1															
5	ABNARD	82.1															
5	ACCEPYABLE	68.1															
5	ACCESS	137.2	12.1														
5	ACCESSIBILITY	14.1															
5	ACHING	51.1															
5	ACROSS	11.1	10.1	9.3	86.2	84.2	70.1	69.2									
5	ACTIVATE	28.1															
5	ACTIVITIES	104.1	33.1	13.1													
5	ACQUINT	15.1	10.2	8.1	31.2	30.1	29.1	17.1	77.1	76.1	51.1	47.1					
5	ADDED	56.1	51.1														
5	ADIC	20.1	7.1	47.3	45.2	43.1	42.2	41.1	39.4	37.2	32.2	493.2	62.3	61.2			
		55.5	54.5	53.3	52.4	51.3	50.5	49.5	48.6								
5	ADIOS	5.1															
5	ADIT	137.1	8.1														
5	ALONG	242.1	26.1	3.1													
5	ALONGSIDE	74.1															
5	ALTERNATELY	78.1	73.1														
5	ALTERNATING	10.1															
5	ALWAYS	678.4	72.1	71.2	8.2												
5	ANSWER	70.1	32.1	15.1	4.1												
5	ANSWERS	4.1	32.1														
5	AR	11.2	8.3	6.2	33.2	17.1	16.1	15.1	14.3	12.3							
5	AR'S	495.1	5.1														
5	ARCA	22.1	19.1	10.2	6.2	493.6	433.1	88.1	87.3	86.3	77.1	71.2	67.1	59.1			
		57.5	55.1	54.1	51.1	50.2	49.2	48.2	44.1	33.1							
5	AREAS	3.2	3.1	58.1	57.3	44.1	12.2	11.2	10.2								
5	ARMY	2.4	1.1	7.1	6.4	5.4	4.2	493.7	432.2	137.8	119.1	104.2	100.3	91.1			
		63.1	60.1	35.1	29.1	19.1	17.2	15.2	12.1	11.3							
5	BLOCK	8.2	65.11	64.5	32.5	17.2	86.16	84.3	73.1	71.1	70.2	68.15					
5	CALENDAR	68.1	65.1	23.1													
5	CALIBRATED	64.1															
5	CARTRIDGE	31.1															
5	CHAPTERS	433.1	17.2	8.1	3.1	432.4	90.1	88.3	63.1	60.1	45.1	42.1	38.1	35.1			
		29.2	22.1	15.1													
5	CIRCULARS	5.1															
5	CLEANS	13.3	12.1														

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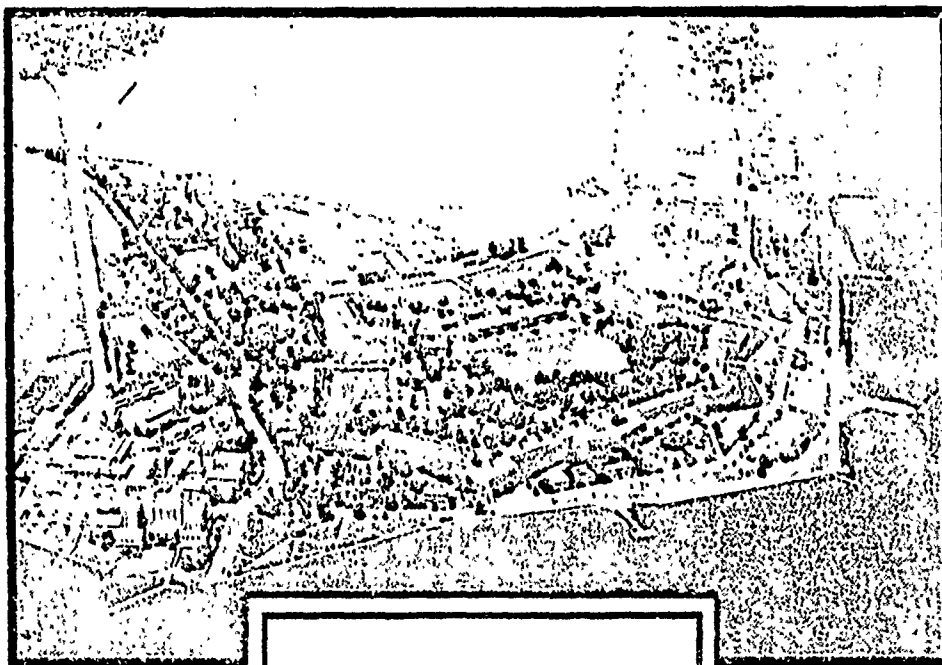
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[illegible]

**HEADQUARTERS**  
**UNITED STATES ARMY TRAINING AND DOCTRINE COMMAND**  
**FORT MONROE, VIRGINIA 23651**

DATA CONTROL NUMBER             
JOB NO. / PROJECT NO.



Word Criticality Analysis

MOS: 76W

Skill Level 2

PREPARED BY: OPERATIONS DIV, DPFO

ATDP <sup>FORM</sup> 109-1

Feb 80 edition may be used  
until exhausted.

COPY \_\_\_\_ OF \_\_\_\_ COPIES

HEADQUARTERS  
UNITED STATES ARMY TRAINING AND DOCTRINE COMMAND  
FORT MONROE, VIRGINIA 23651

DATA CONTROL NUMBER

Job No/ Proj No



JUN 5 1980

WCA  
DRAD

76 W Skill 2

KP=@  
P=@

ATDP FORM 109-1  
Feb 80 Replaces ATDS 118-1, Feb 75,  
which is obsolete

PREPARED BY: OPERATIONS DIV, DPFO

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# SEQUENTIAL DATA MANAGER

76W  
SKIN 2

3 AVG'S  
2 BALANCE ON HAND  
3 DIESEL FUEL  
3 DIESEL  
2 DISCH/PRING  
3 EXTINGUISHER  
2 GLASS  
2 GLASS'S  
3 HILL  
4 LC-7001/2  
3 MORGAN

MASTER LEAD 3920  
LPCCL 32  
BLKSIZE 3136

TRANS READ 359  
LPCCL 10  
BLKSIZE 6100

PAGE NO 2 TYPE RECORD BYTES

TBI 10  
TBI 10  
TBI 10  
TBI 10  
TBI 10  
TBI 10  
TBI 10  
TBI 10  
TBI 10  
TBI 10

UPDATED RECORDS 1000  
LPCCL 30  
BLKSIZE 3136

SYNCSORT 1-1-AND-A-HALF COPYRIGHT WHITLOW COMPUTER SYSTEMS, INC. 1974 REL 1.3 DATE 80/175 TYPE 13, CA. 43  
SORT FIELDS=(1,25,CH,A)  
VER0451 END SORT FM  
VER1771 TURNAROUND SORT PERFORMED  
VER0541 RCD IN 1020, OUT 1026  
VER1691 TRF'S APPLIED 1234  
VER0521 END SYNCSORT OPT= M, TRF0207, STEPS ,

ERIC101 0037 00175/800623 1008 EASY RETRIEVAL AND LAT/ MANIPULATOR

PAGE 01 1 TYPE PICTURE BYTES

...05...10...15...20...25...30...35...40...45...50...55...60...65...70...75...80...85...90...95...100...105...110...

HEADER1 'MDS WORD LIST BY PAGE' TO 50

HEADER2 ' ' TO 1

IF 2 GT 'MDS' GUBACK

IF END 32 ENDRUN

IF SY11 ' ' MOVE 1 TO H1,25 MOVE SPACES TO 1,132

MV 1 TO 1,1

MV 2 TO 4,30

GUBACK

IF 1 NE H1,25 H2 MOVE SPACES TO 1,132 MOVE 1 TO 1,1

MV 2 TO 4,30

MV 1 TO H1,25

GUBACK

IF R34 ' ' MOVE 26 TO 34,7 GUBACK

IF R42 ' ' MOVE 26 TO 42,7 GUBACK

IF R50 ' ' MOVE 26 TO 50,7 GUBACK

IF R58 ' ' MOVE 26 TO 58,7 GUBACK

IF R66 ' ' MOVE 26 TO 66,7 GUBACK

IF R74 ' ' MOVE 26 TO 74,7 GUBACK

IF R82 ' ' MOVE 26 TO 82,7 GUBACK

IF R90 ' ' MOVE 26 TO 90,7 GUBACK

IF R98 ' ' MOVE 26 TO 98,7 GUBACK

IF R106 ' ' MOVE 26 TO 106,7 GUBACK

IF R114 ' ' MOVE 26 TO 114,7 GUBACK

IF R122 ' ' MOVE 26 TO 122,7 GUBACK

W2 MOVE SPACES TO 1,132 MOVE 26 TO 26,7

DISCODE 3P2 EQUCODE 0 CONSTANTS 41 FULLWORDS 2 RETURN 64

EnIGTU01 CC2T B0175/B00623 1808 EASY RETRIEVAL AND DATA MANIPULATOR

PAGE 01 2 TYPE RECORDED BY 15

...05...10...15...20...25...30...35...40...45...50...55...60...65...70...75...80...85...90...95...100...105...110...

JOBNAME=THEPC207 STEP=EROM1 STEP=PRINT

DDNAME=SYSPRINT UNIT=642

DDNAME=SYSERR UNIT=643

DDNAME=SYSIDUMP UNIT=648

DDNAME=CVLINDEX UNIT=344

DDNAME=SYSUT1 UNIT=280

DDNAME=SYSUT2 UNIT=649

DDNAME=SYSJN UNIT=660

DSN=THE.PEADY2.MOS76X

DSN=SYSR0175.T174446.RV000.THEPC207.R000026R

SEK=07472

SEK=

SYSUT1 INPUT	1028	SYSUT2 OUTPUT	396	SYSUT3 OUTPUT	0	SYSUT4 OUTPUT	0
LRECL	32	LRECL	133	LRECL	0	LRECL	0
BLKSIZE	3136	BLKSIZE	133	BLKSIZE	0	BLKSIZE	0

76W Skill 2

PAGE TWENTY-ONE PAGE 1

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## MDS WORD LIST BY PAGE

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1 PIPELINE	136,1 127,1	121,4	119,2	114,3	107,1	
1 PIPELINES	122,1					
1 PUMP	126,1 125,4	123,1	121,2	120,5	119,12	118,5
1 PUMPED	121,1					
1 PUMPS	123,1					
1 QUALITY	106,1 105,1	4,2	136,1	121,7	119,7	
1 QUANTITY	4,4 100,1	109,2	106,1	105,1	110,1	
1 SAMPLE	104,15 2,5	125,1	121,3	12,1	106,15	105,7
1 SAMPLED	118,1 105,1					
1 SAMPLER	104,2					
1 SAMPLERS	105,1					
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1 TANKER	2,1					
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2 ACCORDING	4,1 119,1	111,1				
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2 CORRECTIONS	96,1					

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DATE REC'D 175 1961 PAGE

[illegible]



## DATE 80175 JFCB PAGE

[illegible]

## DATE PAGE LINE PAGE

3	PCEJPTS	116,1																		
3	SEAL	120,3																		
3	SFALFD	120,1																		
3	SERVICE	99,1	121,1																	
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3	SPILLING	125,1																		
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3	SURVEILLANCE	130,1	121,2	117,2	105,1															
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3	TESTS	105,1																		
3	TOTAL	121,6	100,1	99,1	72,1	6,2														
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3	TRANSFER	121,1																		
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4	ADJUSTMENTS	116,1																		
4	ALLIUS	122,1																		
4	AK	129,2	117,1	96,1	116,1	111,1	110,1</													



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